

KOLTSNIKOV, P. A.; PETROCHENKO, Ye.I.; ZORE, S.V.

Interaction of glycolic acid oxidase and polyphenoloxidase.
Fiziol. rast. 6 no.5:598-603 S-O '59. (MIRA 13:2)

I.A.N. Bakh Institute of Biochemistry, U.S.S.R. Academy of Sciences
Moscow.

(Glycolic acid oxidase) (Phenolase) (Plants—Metabolism)

HUNGARY / Physical Chemistry. Kinetics. Combustion. Explosions. Topochemistry. Catalysis. B

Abs Jour : Ref Zhur - Khimiya, No 12, 1959, No. 41677

Author : Csuros, Zoltan; Petro, Jozsef; Voros, Judit

Inst : Not given

Title : A Catalyst Study. XXII. Nickel Sponge Catalyst Study. I. Variation of Raney Nickel Catalyst Effectiveness in Hydrogenation with the Temperature and Time of Leaching.

Orig Pub : Magyar tud. akad. Kem. tud. oszt. kozl., 1958, 9, No 4, 433-448

Abstract : The properties of raney nickel catalysts (C) as a function of the conditions of

Card 1/2

POPA, S., dr.; BERCOVICI, C., dr.; HAIMOVICI, M., dr.; DIMITRIU, M., dr.;
DANDRACHE, Ludmila, dr.; PETROAE, Olga, dr.

Considerations on intra-hospital infections with pathogenic
Escherichia coli. Microbiologia (Bucur) 8 no.3:237-241 My-Je
'63.

1. Lucrare electuata in Institutul de igiena si sanatate
publica R.P.R., Filiala Iasi si Sanepidul regional Bacau.
(ESCHERICHIA COLI INFECTIONS)
(CROSS INFECTION)

TEODOROVICH, Gr. [Teodorovici, Gr.]; OANE, K. [Oana, C.]; GEORGIU, M.
[Gheorghiu, M.]; PETROAYE, O. [Petrosie, O.]; IVAN, A.

Carriers of antibiotic-resistant staphylococci in various
categories of the population. Zhur. mikrobiol. epid. i
immun. 40 no.5:133-137 My '63. (MIRA 17:6)

1. Iz Mediko-farmatsevticheskogo instituta, g. Yassy.

DUCA, M.; TEODOROVICI, Gr.; DUCA, Eugenia; VANCEA, Georgeta;
PETROAIE, Olga; HANDRACHE, Lidia; RUSU, Florica; IVAN, A.

Effectiveness of anti-influenza vaccination with live virus,
type A2. Serological investigations and epidemiological
observations. Stud. cercet. inframicrobiol. 14 no.2:137-144
'63.

(INFLUENZA VACCINE) (INFLUENZA, ASIAN)
(ANTIBODIES)

TEODOROVICI, Gr.; OANA, C.; GHEORGHIU, Melania; PETROAIE, Olga;
IVAN, A.

Incidence of carriers of antibiotic-resistant staphylococci
in various population groups in Moldavia. Arch. Roum. path.
exp. microbiol. 22 no.1:211-218 Mr. '63.

1. Travail de l'Institut Medico-Pharmaceutique de Jassy-Chaire
de Microbiologie.

(STAPH INFECTIONS)
(DRUG RESISTANCE, MICROBIAL)
(ANTIBIOTICS)

PETROAIE, O.

RUMANIA

M. DUCA, Gr. TEODOROVICI, Eugenia DUCA, Georgeta VANCEA, Oiga PETROAIE, Lidia HANDRACHE, Florica RUSU and A. IVAN; Department of Virology and Department of Epidemiology, Medical College (Catedra de virusologie si Catedra de epidemiologie, Institutul de medicina,) Iassi.

"Effectiveness of Vaccination with Type A₂ Live Influenza Virus."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 14, No 2, 1963; pp 137-146.

Abstract [English summary modified]: Vaccination of 91 persons, incl. 75 students aged 14 to 19, by intranasal instillation route with Soviet-made A₂ influenza vaccine produced increase in inhibitory antibodies in 46 (50%) within 2 weeks, but this tended to persist only for a 2-week period. Virus strain isolated in the community in 1959 was a more potent antibody trigger. Stress (work outside in winter, fatigue) reduced immunologic responsivity and resistance to disease. Four tables, 2 graphs; 2 Soviet, 5 US, 1 Brit, 4 Rumanian (incl. 3 'in press') ref's.

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PETROCHENCO, V.

"The position of the Acanthocephala in the zoological system; the phylogenetic relationship of the Acanthocephala to other groups of non-vertebrates. Tr. from the Russian", p. 98 (Analele Romane-Sovietice. Seria Biologie, Series a II-a, v. 8, no. 1, Jan./Mar. 1953, Bucuresti)

SO: Monthly List of ~~European~~ East European Accessions, Library of Congress, Vol. 2, No 9, September 1953, Uncl.

PETROCHENKO, A.

The classification of types of tank repair. No 10.

Tankist, No 12, 1948.

72

The preparation of xyllose sirup from aspen wood. V. I. Sharkov and A. P. Petrochenko. *Lesokhimiicheskaya Prom.* 2, No. 3, 11-15(1933).—Since aspen cellulose contains a considerable amount of pentosans, it can be used in the prepn. of xyllose sirup. The amount of cellulose converted to sol. products increases with the pressure and temp. of hydrolysis. An excessive temp. causes decompn. of the cellulose to volatile products (furfural).
A. A. Bocklinsk

PETROCHENKO, A.V.

Duplex method for repairing overhead telecommunication lines; from experience of the Smolensk line maintenance center. Vest. svyazi 19 no.1:36-37 Ja '59. (MIRA 12:1)

1. Nachal'nik Smolenskogo lineynno-tekhnicheskogo usla.
(Smolensk Province--Electric lines--Overhead)

SOV/111-59-1-10/35

AUTHOR: Petrochenko, A.V., Supervisor of the Center

TITLE: A Multiple Method of Repairing Overhead Communication Lines
(Sparennyy metod remonta vozduzhnykh liniy svyazi) From
the Experience of the Smolensk LTU (Iz opyta Smolenskogo
LTU).

PERIODICAL: Vestnik svyazi, 1959, Nr 1, pp 36 - 37 (USSR)

ABSTRACT: The Smolensk LTU has gathered experience since 1956 in organizing numerous small repair crews equipped with high-duty hoists and the essential tools for the repair of overhead communication lines and their supports. This system proved excellent. Many more repairs could be performed in less time by a reduced labor force. The system is recommended for imitation.

ASSOCIATION: Smolenskiy lineynno-tekhnicheskiy uzel (The Smolensk Line Service Center)

Card 1/1

KACHANOVA, Ye.Ye., GORBACHEVA, M.A., PETROCHENKO, B.A., KHOLODOX, A.N.

Hygienic evaluation of storage conditions and quality of breast milk at a donor center [with summary in English]. *Pediatrics* 36 no.10:14-20 0 '58 (MIRA 11:11)

1. Iz sanitarno-epidemiologicheskoy stantsii Dzerzhinskogo rayona Leningrada.

(MILK, HUMAN,

donor centers, determ. of milk quality & hyg.
evaluation of storage cond. (Rus))

PETROCHENKO. O.

Work and the establishment of its norms. Sov. profsciuzny 18
no.18:27-29 S '62. (MIRA 15:9)

1. Zamestitel direktora Nauchno-issledovatel'skogo instituta
truda Gosudarstvennogo komiteta Soveta Ministrov SSSR po
voprosam truda i zarabotnoy platy.
(Production standards)

PETROCHENKO, P.

Prospects of improving production standards research in industry
Sots.trud 4 no.2:77-86 F '59. (MIRA 12:4)
(Production standards)

PETROCHENKO, P.

Transition to a higher stage of labor organization and the tasks
of economics. Biul. nauch. inform.: trud i zar. plata 5 no.213-9
'62. (MIRA 15:2)

(Labor and laboring classes--Research)

PETROCHENKO, P.

Establishing official rest periods in enterprises. Sots.trud 4
no.12:81-88 D '59. (MIRA 13:6)
(Rest periods)

121 121 121 121 121

PETROCHENKO, P.

Making up new rate and qualification books. Sots.trid no. 2:44-57
Ag '57. (MIRA 10:12)

(Production standards)

PETROCHENKO, P.

Methods for establishing work categories. Sets.trud no.2:76-83 P
'56. (Job analysis) (MLRA 9:7)

PETROCHENKO, P.; KUZNETSOVA, K.

Vital problems of scientific labor organization. Sots. trud.8 no. 6:
52-60 Je '63. (MIRA 16:9)
(Labor and laboring classes)

PETROCHENKO, P., kand.ekonom.nauk

Establishing work norms for auxiliary workers. Sots. trud
7 no.9:93-98 S '62. (MIRA 15:9)
(Production standards)

PETROCHENKO, P.

Problems of the further improvement of the organization and
establishment of work norms in the work plan for 1961. Biul. nauch.
inform.: trud i zar. plata 4 no.1:10-16 '61. (MIRA 14:3)
(Labor and laboring classes--Research) (Production standards--Research)

PETROCHENKO, P.F.; SHAPIRO, I.I.; MIKHAYLOV, D.V., inzh.; NOSINA, T.S.,
inzh.; PETRASHKO, A.S., inzh.; KHISIN, R.I., inzh., red.;
GORDEYEVA, L.P., tekhn.red.; CHERNOVA, Z.I., tekhn.red.

[Time-norms used in the machinery industry for technical
normalization of operations on shapers and slotters; small-lot
and piece production] Obshchemashinostroitel'nye normativy
vremeni dlia tekhnicheskogo normirovaniia rabot na strogal'nykh
i dolbeznykh stankakh; melkoseriinoe i edinichnoe proizvodstvo.
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959.
46 p. (MIRA 13:1)

1. Moscow. Nauchno-issledovatel'skiy institut truda. TSentral'-
noye byuro promyshlennykh normativov po trudu. 2. Glavnyy inzh.
TSentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-
issledovatel'skom institute truda (TsBPNT) (for Petrochenko), 3. Za-
veduyushchiy otdelom mashinostroyeniya TSentral'nogo byuro pro-
myshlennykh normativov po trudu pri Nauchno-issledovatel'skom insti-
tute truda (for Shapiro). 4. TSentral'noye byuro promyshlennykh
normativov po trudu pri Nauchno-issledovatel'skom institute truda
(for Mosina, Petrashko).
(Metal cutting)

PETROCHENKO, P.F., kand.ekon.nauk; VORONIN, Ye.P.; ROZHKOVA, V.V.; POPKOV, L.V.;
PRIGARIN, A.A.; KATLAN, I.I.; RYSS, V.M.; EKHIN, P.E.; KULAGIN,
N.N.; VASIL'YEV, V.F.; LISOV, V.Ye., red.; PONOMAREVA, A.A.,
tekhn. red.

[Organization of work and establishing work norms in industrial enterprises] Organizatsiia i normirovanie truda na promyshlennykh predpriatiakh. Pod obshchei red. P.F.Petrochenko. Moskva, Izd-vo ekon.lit-ry, 1962. 285 p. (MIRA 15:4)

1. Moscow. Nauchno-issledovatel'skiy institut truda.
(Production standards)

PETROCHENKO, P.

Ensure unity in establishing work norms. Sots.trud 7 no.1:60-70
Ja '62. (MIRA 15:4)

(Production standards)

PETROCHENKO, P.

Conference on technological aesthetics and improving working conditions during the period of the building of communism. Biul.nauch. inform.: trud i zar. plata 5 no.1:56-58 '62. (MIRA 15:2)
(Factories--Design and construction--Congresses)

PETROCHENKO, Petr Fedorovich, kand. ekon. nauk, red.; IOFFE, Isaak
Shimelevich; KURASHOV, Viktor Andreyevich; LATUKHINA, Ye.I.,
ved. red.

[Manual for the establishment of norms] Spravochnik normirovshchi-
ka. Pod obshchei red. P.F.Petrochenko. Moskva, Gostoptekhizdat,
1962. 321 p. (MIRA 15:4)
(Petroleum industry--Production standards)

PETROCHENKO, Petr Fedorovich, kand.ekonom.nauk; BASINA, S., red.;
KLIMOVA, T., tekhn.red.

[Establishing work norms in an enterprise] Kak normiruetsia
trud na predpriatii. Moskva, Gos.izd-vo polit.lit-ry, 1961.
62 p. (MIRA 15:4)

1. Zamestitel' direktora Nauchno-issledovatel'skogo instituta
truda (for Petrochenko).
(Production standards)

BELOV, Yevgeniy Nikolayevich; PETROCHENKO, P.F., kand. ekonom. nauk,
red.; ILINICH, B.K., red.; KHARITONOVA, L.I., tekhn. red.

[Practical manual for the establishment of technical norms]
Prakticheskoe rukovodstvo po tekhnicheskomu normirovaniyu
truda. Pod red. P.F.Petrochenko. Moskva, Gos. izd-vo mest-
noi promyshl. i khudozh. promyslov RSFSR, 1961. 193 p.
(MIRA 15:4)

(Production standards)

KUDRYAVTSEV, A.S., prof., doktor ekonom. nauk, zasl. deyatel' nauki i tekhniki RSFSR; LYASNIKOV, I.A., dots.; KOSTIN, L.A., dots.; PUNSKIY, Ya.M., prof.; PETROCHENKO, P.F., kand. ekonom. nauk; GUR'YANOV, S.Kh., dots.; KURKIN, N.I., st. преподаvatel'; KOTOV, F.I., dots.; REMIZOV, K.S., kand. ekonom. nauk; POLYAKOV, I.A., starshiy преподаvatel'; BEZRUKOV, B.N., retsenzent; KOPYLOVA, L.P., red.; ANDREYEVA, L.S., tekhn. red.

[Labor economics in the U.S.S.R.] Ekonomika truda v SSSR. 2., perer. izd. Moskva, Izd-vo VTsSPS Profizdat, 1961. 623 p.
(MIRA 15:2)

(Labor and laboring classes)

PETROCHENKO, P.P.; SHAPIRO, I.I.; MIKHAYLOV, D.V., inzh.; MOSINA, T.S., inzh.; PETRASHKO, E.S., inzh.; TISHIN, S.D., dotsent, kand.tekhn.nauk, red.; CHERNOVA, Z.I., tekhn.red.

[Time-norms used in the machinery industry for technical normalization of operations on drilling machines; small-lot and piece production] Obshchemashinostroitel'nye normativy vremeni dlia tekhnicheskogo normirovaniia rabot na sverlil'nykh stankakh; melkoseriinoe i edinichnoe proizvodstvo. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit.lit-ry, 1959. 33 p. (MIRA 13:1)

1. Moscow. Nauchno-issledovatel'skiy institut truda. TSentral'noye byuro promyshlennykh normativov po trudu. 2. Glavnyy inzh. TSentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Petrochenko). 3. Zaveduyushchiy otdelom mashinostroyeniya TSentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Shapiro). 4. TSentral'noye byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Mikhaylov, Mosina, Petrashko).
(Drilling and boring)

PETROCHENKO, P.P.; SHAPIRO, I.I.; TEVEROVSKIY, P.A., inzh.; SOLDATOVA, T.I., inzh.; KOZLOVA, V.I., inzh.; MATOVA, A.D., tekhnik; ALEKSEYEV, S.A., dotsent, red.; CHERNOVA, Z.I., tekhn.red.

[Time norms established in the general machinery industry for finishing and cropping operations in iron, steel and nonferrous metal founding; large-lot and mass production] Obshchemashinostroitel'nye normativy vremeni na ochistno-obrubnye raboty pri proizvodstve chugunnogo, stal'nogo i tsvetnogo lit'ia; krupnoseriinoe i massovoe proizvodstvo. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 57 p. (MIRA 13:1)

1. Moscow. Nauchno-issledovatel'skiy institut truda. TSentral'noye byuro promyshlennykh normativov po trudu. 2. Glavnyy inzhener TSentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Petrochenko). 3. Zaveduyushchiy otdelom mashinostroyeniya TSentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Shapiro). 4. Sotrudniki TSentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Teverovskiy, Soldatova, Kozlova, Matova). (Founding--Standards)

PETROCHENKO, P.F.; SHAPIRO, I.I.; KLEPIKOV, V.D., kand.tekhn.nauk;
VOROB'YEVA, A.M., inzh.; GVOZDEVA, A.N., inzh.; STRUZHESTRAKH,
Ye.I., inzh., red.; SEMENOVA, M.M., red.izd-va; BABOCHKIN, A.T.,
tekhn.red.

[General norms for cutting conditions and time in the machinery industry for technical normalization of machining on gear-cutting machines; large-lot and mass production] Obshchemashinostroitel'nye normativy rezhimov rezaniya i vremeni dlia tekhnicheskogo normirovaniya rabot na zuboreznykh stankakh; krupnoseriinoe i massovoe proizvodstvo. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1959. 143 p. (MIRA 13:1)

1. Moscow. Nauchno-issledovatel'skiy institut truda. TSentral'noye byuro promyshlennykh normativov po trudu. 2. Glavnyy inzhener TSentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Petrochenko). 3. Zaveduyushchiy otделom mashinostroyeniya TSentral'nogo byuro promyshlennykh normativov (for Shapiro).

(Gear cutting)

PETROCHENKO, P.P.

VASIL'YEV, Aleksandr Aleksandrovich; KLIMENKO, K.I., doktor ekonom.nauk, retsenzent; NOVIKOV, M.A., inzh., retsenzent; PETROCHENKO, P.P., kand.ekonom.nauk, red.; SEMENOVA, M.M., red.izd-vo; SMIRNOVA, G.V., tekhn.red.; UVAROVA, A.P., tekhn.red.

[Training skilled workers in machinery plants] Podgotovka kvalifitsirovannykh rabochikh na mashinostroitel'nykh predpriyatiyakh. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1959. 175 p.

(MIRA 13:2)

(Professional education)

PETROCHENKO, Petr Fedorovich; BUDARINA, V., red.; LAPIDUS, L.,
~~mladshiy red.~~; KORNILOVA, V., tekhn. red.

[Establishing work norms in the U.S.S.R.] Normirovanie truda v SSSR. Moskva, Izd-vo "Mysl'," 1964. 351 p. (MIRA 17:3)

KLEPIKOV, V.D., kand.tekhn.nauk; PETROCHENKO, P.F.; SHAPIRO, I.I.;
VOROB'YEVA, A.M., inzh.; ~~GROZHEVA, A.M., inzh.~~; STRUZHESSTRAKH,
Ye.I., inzh., red.; KRIVOLAPOV, M.A., tekhn.red.

[General engineering norms for time for technical standardization of
machining on gear-cutting machines] Obshchemashinostroitel'nye
normativy vremeni dlia tekhnicheskogo normirovaniia rabot na zubo-
reznykh stankakh; melkoseriinoe i edinichnoe proizvodstvo. Moskva,
Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 63 p.
(MIRA 12:12)

1. Moscow. Nauchno-issledovatel'skiy institut truda. TSentral'noye
byuro promyshlennykh normativov po trudu. 2. TSentral'noye byuro
promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom
institute truda (TsBPNT pri NIIT) (for Klepikov, Vorob'yeva, Gvoz-
deva). 3. Glavnyy inzhener TSentral'nogo byuro promyshlennykh
normativov po trudu (TsBPNT) (for Petrochenko). 4. Zaveduyushchiy
otdelom mashinostroyeniya TSentral'nogo byuro promyshlennykh normati-
vov po trudu (for Shapiro).
(Gear cutting)

PETROCHENKO, P.P.; SHAPIRO, I.I.; MIKHAYLOV, D.V., inzh.; MOSINA, T.S.,
inzh.; PETRASHKO, E.S.; TISHIN, S.D., dotsent, kand.tekhn.nauk,
red.; DOBRITSINA, R., tekhn.red.

[General engineering time norms for the technical standardization
of machining processes on drilling machines; small-lot and piece
production] Obshchেমашиностроит'nye normativy vremeni dlia
tekhnicheskogo normirovaniia rabot na sverlil'nykh stankakh; melko-
seriinoe i edinichnoe proizvodstvo. Moskva, Gos.nauchno-tekhn.
izd-vo mashinostroit.lit-ry, 1960. 34 p.

(MIRA 14:1)

1. Moscow. Nauchno-issledovatel'skiy institut truda. TSentral'-
noye byuro promyshlennykh normativov po trudu. 2. Glavnyy inzhener
TSentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-
issledovatel'skom institute truda (for Petrochenko). 3. Zavedu-
yushchiy otdelom mashinostroyeniya TSentral'nogo byuro promyshlennykh
normativov po trudu pri Nauchno-issledovatel'skom institute truda
(for Shapiro). 4. TSentral'noye byuro promyshlennykh normativov po
trudu pri Nauchno-issledovatel'skom institute truda (for Mikhaylov,
Mosina, Petrashko).

(Drilling and boring)

PETROCHENKO, P.F.; SHAPIRO, I.I.; LUR'YE, G.B., prof.; DAYON, A.Ye., inzh.;
ZAKHARKIN, V.I., inzh.; MAYOROVA, A.V., inzh.; FELIKSON, N.I., inzh.;
FILIPPOVA, L.A., inzh.; GVOZDEVA, A.N., inzh.; DOBRITSYNA, R.I.,
tekhn.red.

[General engineering time norms for the technical standardization of machining processes on grinding machines; small-lot and piece production] Obshchemashinostroitel'nye normativy vremeni dlia tekhnicheskogo normirovaniia rabot na shlifoval'nykh stankakh; melkoseriinoe i edinichnoe proizvodstvo. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit.lit-ry, 1960. 38 p.

(MIRA 14:1)

1. Moscow. Nauchno-issledovatel'skiy institut truda. TSentral'noye byuro promyshlennykh normativov po trudu. 2. Glavnyy inzhener TSentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Petrochenko). 3. Zaveduyushchiy otdelom mashinostroyeniya TSentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Shapiro). 4. TSentral'noye byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Dayon, Zakharkin, Mayorova, Felikson, Filippova, Gvozdeva).

(Grinding and polishing)

PETROCHENKO, P.F.; SHAPIRO, I.I.; IUR'YE, G.B., prof.; DAYON, A.Ye., inzh.;
~~ZAKHARKIN~~, V.I., inzh.; MAYOROVA, A.V., inzh.; FELIKSON, N.I.,
inzh.; FILIPPOVA, L.A., inzh.; GVOZDEVA, A.N., inzh.; MODEL',
B.I., tekhn.red.

[General norms for cutting conditions and time in the machinery industry for technical normalization of machining on grinding machines; large-lot and mass production] Obshchemashinostroitel'nye normativy rezhimov rezaniya i vremeni dlia tekhnicheskogo normirovaniya rabot na shlifoval'nykh stankakh; krupnoseriinoye i massovoye proizvodstvo. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 359 p. (MIRA 13:1)

1. Moscow. Nauchno-issledovatel'skiy institut truda. TSentral'noye byuro promyshlennyykh normativov po trudu. 2. Glavnyy inzhener TSentral'nogo byuro promyshlennyykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Petrochenko).
3. Zaveduyushchiy otделom mashinostroyeniya TSentral'nogo byuro promyshlennyykh normativov po trudu pri Nauchno-issled.institute truda (for Shapiro).
4. Sotrudniki TSentral'nogo byuro promyshlennyykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Dayon, Zakharkin, Mayorova, Felikson, Filippova, Gvozdeva).

(Grinding and polishing)

GAL'TSOV, A.D.; DENISYUK, I.N.; LEVANDOVSKIY, S.N.; LOSEV, A.G.; PEZIK, M.O.; PETROCHENKO, P.P.; SAVOS'KIN, H.M.; TRUBITSKIY, G.R.; KHISIN, R.I.; KHROMILIN, V.A.; ALEKSEYEV, S.S., retsenzent; GAL'PERIN, L.I., retsenzent; GRANOVSKIY, Ye.N., retsenzent; ZAKHAROV, H.N., retsenzent; KVASHNIN, S.A., retsenzent; KERKESH, V.V., retsenzent; KOTENKO, I.N., retsenzent; LIVSHITS, I.M., retsenzent; LERNER, G.V., retsenzent; NEVSKIY, B.A., retsenzent; NOVIKOV, V.P., retsenzent; RAZAMAT, E.S., retsenzent; SERGEYEV, A.V., retsenzent; STEFANOV, V.P., retsenzent; TOLCHENOV, T.V., retsenzent; FEDOTOV, F.G., retsenzent; VOL'SKIY, V.S., red.; SPRUZHESTRAKH, Ye.I., red.; USPENSKIY, Ya.K., red.; SEMENOVA, M.M., red.izd-va; MODEL', B.I., tekhn.red.

[Handbook for work-norm experts in machine manufacture] Spravochnik normirovshchika-mashinostroitelia v 4 tomakh. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry. Vol.1. [Fundamentals of technical normalization] Osnovy tekhnicheskogo normirovaniia. 1959. 676 p. (MIRA 12:12)

(Standardization)

PETROCHENKO, P.F.; SHAPIRO, I.I.; TEVEROVSKIY, P.A., inzh.; SOLDATOVA, P.I., inzh.; KOZLOVA, V.I., inzh.; MATOVA, A.D., tekhnik;
ALEKSEYEV, S.A., dotsent, red.; BARYKOVA, G.I., red.izd-va;
KRIVOLAPOV, M.A., tekhn.red.

[Time norms for finishing, cleaning and chipping processes in steel and nonferrous metal casting for general machinery manufacture; mass production] Obshchemashinostroitel'nye normativy vremeni na ochistno-obrubnye raboty pri proizvodstve chugunogo, stal'nogo i tsvetnogo lit'ia; seriinoye proizvodstvo. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. (MIRA 12:12)
69 p.

1. Moscow. Nauchno-issledovatel'skiy institut truda. TSentral'noye byuro promyshlennykh normativov po trudu. 2. Glavnyy inzhener TSentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Petrochenko). 3. Zaveduyushchiy otделom mashinostroyeniya TSentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda pri Nauchno-issledovatel'skom institute truda (for Shapiro). 4. Sotrudniki TSentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Teverovskiy, Soldatova, Kozlova, Matova).

(Founding)

SHAPIRO, I.I.; MIKHAYLOV, D.V., inzh.; MOSINA, T.S., inzh.; PETRASHKO, E.S., inzh.; SLUCHAYEV, P.N., inzh.; PETROCHENKO, P.P.; KHISIN, R.I., red.; GORDEYEVA, L.P., tekhn.red.

[General engineering norms for metal cutting operations and time for technological standardization of machining on planing and slotting machines; lot production] Obshchemashinostroitel'nye normativy rezhimov rezaniya i vremeni dlia tekhnicheskogo normirovaniya rabot na strogal'nykh i dolbeznykh stankakh; serinnee proizvodstvo. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1959. 95 p. (MIRA 12:12)

1. Moscow. Nauchno-issledovatel'skiy institut truda. TSentral'noye byuro promyshlennykh normativov po trudu. 2. TSentral'noye byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for all except Khisin, Gordeyev). 3. Zaveduyushchiy otdelom mashinostroyeniya TSentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Shapiro). 4. Glavnyy inzhener TSentral'nogo byuro promyshlennykh normativov po trudu pri Nauchno-issledovatel'skom institute truda (for Petrochenko).
(Metal cutting)

BLAGOVESHCHENSKIY, A.V.; PETROCHENKO, U.A.

Effect of treating seeds with fumaric and succinic acids on some physiological processes in plants [with summary in English]. Fiziol. rast. no.1:53-60 Ja-F '59. (MIRA 12:2)

1. Central Botanical Garden of the U.S.S.R. Academy of Sciences, Moscow, and Melitople Pedagogical Institute, Melitople.

(Plants, Effect of fumaric acid on)
(Plants, Effect of succinic acid on)
(Seeds)

KHIERA LAL; PETRIY, O.A.; PODIOVCHENKO, E.I.

Electrolytic oxidation of organic matters on platinized
platinum at hydrogen adsorption potentials. Dokl. AN SSSR 158
no.6:1416-1419 O '64. (MIRA 17:12)

1. Moskovskiy gosudarstvennyy universitet im. Lomonosova.
Predstavleno akademikom A.N. Frankinyam.

77011

Intensity of electrocatalytic reduced platinum and ruthenium deposits
in aqueous electrolyte solution of atranol. Dokl. AN SSSR 160 no.4:
202-204. 1965. (ZhRA 18:2)

USGPO: 2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-2335-2336-2337-2338-2339-2340-2341-2342-2343-2344-2345-2346-2347-2348-2349-2350-2351-2352-2353-2354-2355-2356-2357-2358-2359-2360-2361-2362-2363-2364-2365-2366-2367-2368-2369-2370-2371-2372-2373-2374-2375-2376-2377-2378-2379-2380-2381-2382-2383-2384-2385-2386-2387-2388-2389-2390-2391-2392-2393-2394-2395-2396-2397-2398-2399-2400-2401-2402-2403-2404-2405-2406-2407-2408-2409-2410-2411-2412-2413-2414-2415-2416-2417-2418-2419-2420-2421-2422-2423-2424-2425-2426-2427-2428-2429-2430-2431-2432-2433-2434-2435-2436-2437-2438-2439-2440-2441-2442-2443-2444-2445-2446-2447-2448-2449-2450-2451-2452-2453-2454-2455-2456-2457-2458-2459-2460-2461-2462-2463-2464-2465-2466-2467-2468-2469-2470-2471-2472-2473-2474-2475-2476-2477-2478-2479-2480-2481-2482-2483-2484-2485-2486-2487-2488-2489-2490-2491-2492-2493-2494-2495-2496-2497-2498-2499-2500-2501-2502-2503-2504-2505-2506-2507-2508-2509-2510-2511-2512-2513-2514-2515-2516-2517-2518-2519-2520-2521-2522-2523-2524-2525-2526-2527-2528-2529-2530-2531-2532-2533-2534-2535-2536-2537-2538-2539-2540-2541-2542-2543-2544-2545-2546-2547-2548-2549-2550-2551-2552-2553-2554-2555-2556-2557-2558-2559-2560-2561-2562-2563-2564-2565-2566-2567-2568-2569-2570-2571-2572-2573-2574-2575-2576-2577-2578-2579-2580-2581-2582-2583-2584-2585-2586-2587-2588-2589-2590-2591-2592-2593-2594-2595-2596-2597-2598-2599-2600-2601-2602-2603-2604-2605-2606-2607-2608-2609-2610-2611-2612-2613-2614-2615-2616-2617-2618-2619-2620-2621-2622-2623-2624-2625-2626-2627-2628-2629-2630-2631-2632-2633-2634-2635-2636-2637-2638-2639-2640-2641-2642-2643-2644-2645-2646-2647-2648-2649-2650-2651-2652-2653-2654-2655-2656-2657-2658-2659-2660-2661-2662-2663-2664-2665-2666-2667-2668-2669-2670-2671-2672-2673-2674-2675-2676-2677-2678-2679-2680-2681-2682-2683-2684-2685-2686-2687-2688-2689-2690-2691-2692-2693-2694-2695-2696-2697-2698-2699-2700-2701-2702-2703-2704-2705-2706-2707-2708-2709-2710-2711-2712-2713-2714-2715-2716-2717-2718-2719-2720-2721-2722-2723-2724-2725-2726-2727-2728-2729-2730-2731-2732-2733-2734-2735-2736-2737-2738-2739-2740-2741-2742-2743-2744-2745-2746-2747-2748-2749-2750-2751-2752-2753-2754-2755-2756-2757-2758-2759-2760-2761-2762-2763-2764-2765-2766-2767-2768-2769-2770-2771-2772-2773-2774-2775-2776-2777-2778-2779-2780-2781-2782-2783-2784-2785-2786-2787-2788-2789-2790-2791-2792-2793-2794-2795-2796-2797-2798-2799-2800-2801-2802-2803-2804-2805-2806-2807-2808-2809-2810-2811-2812-2813-2814-2815-2816-2817-2818-2819-2820-2821-2822-2823-2824-2825-2826-2827

MARVET, R.V.; PETRIY, O.A.

Study of hydrogen and oxygen adsorption on platinized platinum at various temperatures by electrochemical methods. Elektrokimiya 1 no.10:1225-1234 O '65. (MIRA 18:10)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

PETROCHENKO, U.A.

Dynamics of the activity and quality of the catalase of corr.
pollen. Ukr. bot. zhur. 21 no.4:11-15 '64.

(MIRA 17:11)

1. Kafedra botaniki Melitopol'skogo pedagogicheskogo instituta.

PETROCHENKO, U.A.

Change in certain physiological and biochemical properties of corn
induced by stimulation before sowing. Ukr.bot.zhur. 17 no.1:
40-45 '60. (MIRA 13:6)

1. Melitopol'skiy pedagogicheskii institut, kafedra botaniki.
(Corn (Maize)) (Growth promoting substances)

PETROCHENKO, U.A.

Introducing stimulants and fertilizers in tomatoes by means of vacuum infiltration. Biul.Glav.bet.sada no.26:93-95 '56. (MLRA 10:2)

1. Melitopol'skiy gosudarstvennyy pedagogicheskiy institut.
(Fertilizers and manures) (Succinic acid)
(Tomatoes) (Vacuum apparatus)

PETROCHENKO, U.A.

Effect of dicarboxylic acids on the germination of pollen and
growth of pollen tubes. Fiziol.rast. 8 no.6:681-685 '61.
(MIRA 16:7)

1. Melitople Pedagogical Institute, Melitople.
(Plants, Effect of acids on) (Pollen)

PETROCHENKO, U. A., Cand of Bio-Sci --- (diss) "The Influence of the
Components of Biogenic Stimulators on Certain Physiological Processes and
Summer Wheat and Other Plants,"
Moscow, 1959, 18 pp (Moscow State Pedagogical Institute imeni V. I.
Lenin), (KL, 6-60, 122)

PETROCHENKO, V.F.

Direct-reading measurer (μ -gauge) of magnetic permeability.
Avtomatyka no.1:88-93 '57. (MLRA 10:5)

1. Institut elektrotekhniki AN URSR.
(Electric measurements) (Ferromagnetism)

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ЭЛЕКТРОТЕХНИКА
24(3) PHASE I BOOK EXPLCITATION

SOV/2530

Akadeniya nauk Ukrainskoy SSR. Institut elektrotekhniki

Voprosy magnitnykh izmereniy (Problems of Magnetic Measurements) Kyev, Izd-vo AN UkrSSR, 1959. 117 p. 1,000 copies printed.

Ed. of Publishing House: I. Kisina; Tech. Ed: M.I. Yefimova; Editorial Board: A.D. Nesterenko, Corresponding Member, Ukrainian SSR Academy of Sciences (Resp. Ed.), S.A. Lebedev, Academician, S.I. Tetel'baum, Corresponding Member, Ukrainian SSR Academy of Sciences (Deceased), L.V. Tsukernik, Candidate of Technical Sciences, A.N. Milyak, Candidate of Technical Sciences, and Ye. V. Khrushchova, Candidate of Technical Sciences.

PURPOSE: This collection of articles is intended for designers and makers of electrical instruments and scientific staff members of research and plant laboratories engaged in electrical and magnetic measurement.

COVERAGE: The authors present results of magnetic measurements conducted at the Laboratory for Electrical and Magnetic Measurements of the Electrical Engineering Institute, Academy of Sciences, UkrSSR. They discuss testing of high coercive
Card 1/6

Problems of Magnetic Measurements

80V/2530

magnetic materials used in the manufacture of permanent magnets and compare various methods of testing hard magnetic materials. They also describe various methods of measuring field intensity and flux density and evaluate the accuracy of those methods. They discuss methods of testing soft magnetic materials and consider problems of resolving total iron core losses into components. They also discuss testing of ferromagnetic materials at high frequencies and describe problems of measuring losses with the aid of a calorimeter. References appear at the end of each article.

TABLE OF CONTENTS:

From the Editor 3

Nesterenko, A.D. Terminology Used in the Field of Magnetic Measurements 5

The author considers the problem of terminology for the induction method of measuring flux density and field intensity. He points out that basic physical phenomena of the process should be considered when introducing terminology for the induction method of measurement. There are no references.

Kubyshin, B.Ye. Determination of Permeability of Substances in an Alternating Field 6

Card 2/6

SOV/2530

Problems of Magnetic Measurements

The author discusses a method of determining magnetic permeability of a substance from data for dynamic characteristics in an alternating magnetic field. He also presents a method of determining complex magnetic permeability at frequencies different from those at which measurements were taken and resolution of losses into components was made. There are 3 references, all Soviet.

Rozhanovskiy, I.M. Magnetic Characteristics of Iron in Alternating Magnetic Fields 20

The author studies magnetic characteristics of iron in alternating magnetic fields and analyzes the effect of eddy currents, demagnetizing action of higher-harmonic currents in a magnetizing circuit and the type of the applied voltage. He also investigates functional relationships between the flux density and the field intensity and discusses a circuit used in the study. There are 4 references, all Soviet.

Rozhanovskiy, I.M. Recommended Methods of Resolving Iron Core Losses Into Components 33

Card 3/6

SOV/2530

Problems of Magnetic Measurements

The author discusses analytical and graphical methods of resolving total iron losses at various frequencies into hysteresis and eddy-current components. The methods presented utilize the experimental data of total loss in iron taken at various frequencies and at a constant flux density. There are 8 references: 6 Soviet, 1 English and 1 German.

Petrochenko, V.F. Resolution of Iron Core Losses Into Components by the Two-Frequency Method Under the Condition of Constant Eddy-current Losses 45

The author discusses a method of resolving total iron losses into components at two frequencies. He also evaluates experimental results obtained by using this method. There are 6 references: 5 Soviet and 1 English.

Mesterenko, A.D. Use of Balancing Circuits for Testing of Soft Magnetic Materials in a Constant Magnetic Field 53

The author discusses the possibility of using balance method for obtaining a magnetization curve and a hysteresis loop of ferromagnetic materials. He also describes circuits used in the experimental study. There are 5 references: 4 Soviet and 1 English.

Fevraleva, N. Ye. Measurement of Field Intensity in Devices for Testing Hard Magnetic Materials by Means of a Test Generator 62

Card 4/6

SOV/2530

Problems of Magnetic Measurements

The author describes a test generator for measuring field intensity and discusses the generator error. The generator was developed at the Laboratory of Magnetic and Electrical Measurements of the Electrical Engineering Institute, Academy of Sciences, UkrSSR. There are 5 references, all Soviet.

Lyubchenko, G.I., A.D. Nesterenko, and N.Ye. Fevraleva. Errors of Devices For Testing High Coercive Magnetic Materials 71

The authors discuss devices used for determining residual magnetism and coercive force. Attention is given to a device with compensating coils and a bridge-type device developed at the Laboratory for Magnetic and Electrical Measurements of the Electrical Engineering Institute, Academy of Sciences, UkrSSR. The authors discuss the construction and operation of these devices and describe their characteristics. There are 5 references: 4 Soviet and 1 German.

Fevraleva, N.Ye. Utilization of the Hall Effect in Germanium for Measuring Magnetic Flux 86

Card 5/6

Problems of Magnetic Measurements

SOV/2530

The author presents a general description of the Hall effect and discusses its application for measuring magnetic flux. She describes a circuit using a germanium crystal for measuring flux and discusses circuit error. There are 8 references: 4 Soviet, 2 English and 2 German.

Karpenko, V.P. Calorimetric Method of Measuring Losses in Ferromagnetic Materials

96

The author discusses calorimeter circuits used for measuring iron losses at high frequencies. He also describes the error of the calorimetric method. There are 5 references, all Soviet.

Karpenko, V.P. Possibilities of Using T-Circuits for Magnetic Measurement

105

The author analyzes various T-circuits and discusses their application in determining magnetic characteristics of ferromagnetic materials at low and medium frequencies. There are 4 references: 2 Soviet and 2 English.

AVAILABLE: Library of Congress

Card 6/6

JP/gmp
11-23-59

BELOZUB, V.V. [Bielozub, V.V.]; PETROCHENKO, V.F.; SKIRUTA, M.A.
[Skyruta, M.A.]

Control of the thermal conditions of lamp thermostats in the
drying of footwear by infrared rays. Izv.prom. no.3:11-14 J1-
S '63. (MIRA 16:11)

1. Kiyevskiy tekhnologicheskoy institut legkoy promyshlennosti.

PETROCHENKO, V.F., Cand Tech Sci —(disc) " Study of certain properties of
magnetic changes at low frequency." Kiev, 1957. 21 pp. 4th illustration
(Min of Higher Education USSR. Kiev Order of Lenin Polytech Inst), 100 co-
pies (PL, 24-54, 100)

-57-

PETROCHENKO, Vladislav Fedorovich, inzh.; MORDVINOVA, N.P., inzh., vedushchiy
red.; SOSNOVSKIY, A.A., inzh., red.; SOROKINA, T.M., tekhn.red.

[Permeameter] Izmeritel' magnitnoi pronitsaemosti. Moskva, Akad.
nauk SSSR, 1958. 8 p. (Peredovoi nauchno-tekhnicheskii i proizvod-
stvenniy opyt. Tema 35, no.P-58-73/II. Pribory dlia izmereniia
elektricheskikh i magnitnykh velichin). (MIRA 12:9)
(Permeameter)

24(3); 28(5)

PHASE I BOOK EXPLOITATION

SOV/2155

Petrochenko, Vladislav Fedorovich, Engineer

Izmeritel' magnitnoy pronitsayemosti (Permeameter) Moscow, 1958.
8 p. (Series: Peredovoy nauchno-tekhnicheskiy i proizvodstvennyy
opyt. Tema 35, no. P-58-73/11) 1,800 copies printed.

Sponsoring Agencies: Akademiya nauk SSSR. Institut nauchnoy i tekhnicheskoy informatsii, Filial, and USSR. Gosudarstvennyy nauchno-tekhnicheskiy komitet.

Executive Ed.: N.P. Mordvinova, Engineer; Ed.: A.A. Sosnovskiy, Engineer; Tech. Ed.: T.M. Sorokina.

PURPOSE: This booklet is intended for engineers and technicians concerned with measuring permeability.

COVERAGE: The booklet briefly explains the theory of permeability measurement and describes a permeameter, its principle of operation, and problem of accuracy. The author discusses the elementary

Card 1/2

Permeameter

SOV/2155

1. circuit diagram of a permeameter (Fig. 1) and points out its defects, which were eliminated by the use of an arrangement developed at the Institute of Electrical Engineering of the Ukrainian Academy of Sciences consisting of a magnetic balance circuit. The tests made by the author with the permeameter confirmed the values of errors obtained by the authors of reference No. 1. There are 3 circuit diagrams, 2 graphs, and 1 table. No personalities are mentioned. There are 2 Soviet references.

TABLE OF CONTENTS: None given

Bibliography

9

AVAILABLE: Library of Congress

Card 2/2

JP/ad
8-26-59

ПЕТРОЧЕНКО, В. Ф.

"Direct-Reading Meter (μ -gauge) of Magnetic Permeability," by V. F. Petrochenko, Avtomatika, No 1, 1957, pp 88-93

This article describes a new circuit, using proportionality between the average emfs and the maximum value of the flux density and the field strength of a magnetic testing sample, with a moving coil logometer for the direct reading of the magnetic permeability. A method is given for regulating the instrument, and the possibility of employing the instrument for measuring complex magnetic permeability for frequencies of both 50 and 400 cycles is pointed out. (U)

54M. 1391

PETROCHENKO, Vasily Ivanovich

"Chemoprophylaxis of helminthoses in fowl."

report to be submitted at the 17th World Veterinary Congress,
Hanover, West Germany, 14-21 Aug 63.

PETROCHENKO, V.I., doktor biolog. nauk; KORCHAGIN, A.I., mladshiy nauchnyy
soтрудnik

Anthelmintics in mixed feeds. Veterinariia 41 no.6:54-56
Ja '64. (MIRA 18:6)

1. Vsesoyuznyy institut gel'mintologii imeni akademika Skryabina.

PETROCHENKO, V. I.

PA 50/49T19

USSR/Biology
Worms (Helminthology)

May 49

"Clarifying the Developmental Cycle of the Worm
Polymorphus Magnus Skryabin, 1913, Parasitic in
Domestic and Wild Duck," V. I. Petrochenko, All-
Union Inst of Helminthol imeni K. I. Skryabin,
3 3/4 pp

"Dok Ak Nauk SSSR" Vol LXVI, No 1

Gives results of experiments to determine growth of
subject worm. Takes 27 - 30 days for full devel-
opment in the host's body from moment of dropping
into duck's intestine to moment of deposit of eggs

50/49T19

USSR/Biology (Contd)

May 49

by the parasite. Submitted by Acad K. I. Skryabin,
2 mm no.

50/49T19

PETROCHENKO, V. I.

Petrochenko, V. I. "New forms of 'scrapers' from the birds of Central Asia", Trudy
Gel'mintol. laboratorii (Akad. nauk SSSR), Vol. II, 1949, p. 115-27, - Bibliog: 12 items.

SO: U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949).

PETROCHENKO, V.I.

Acanthocephala

Position of the Acanthocephala in the zoological system (phylogenetic relation of the Acanthocephala to other groups of invertebrates). Zool.zhur. 31, no. 2, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS, JULY 1952. UNCLASSIFIED.

PETROCHENKO, V. I.

Skrebnii Amfibiiv SSSR, "Works on Helminthology" on the 75th Birthday
of K. I. Skryabin, Izdat. Akad. Nauk, SSSR, Moskva, 1953, p. 507
All-Union Inst. Helminthology in. K. I. Skryabin

PETROCHENKO, V.I., prof.; YEGOROVA, L. ., starshiy laborant

A new species of trematodes, *Levinsostoma amurzetica* nov. sp.,
from a domestic duck in Khabarovsk Territory, U.S.S.R. Trudy
VIGIS 10:31-33 '63. (MIRA 19:9)

Petrochenko, V.I.

PETROCHENKO, V.I., kand. biol. nauk.

Postembryonal development of the thorn-head worm *Polymorphus magnus*,
infesting ducks. Trudy VIGIS 5:49-62 '53. (MIRA 11:1)

(Aganthocephala) (Parasites--Ducks)

PETROCHENKO, V.I., starshiy nauchnyy sotrudnik.

Improving methods for controlling *Galba trunculata*. Veterinariia
30 no.7:32-33 Jy '53. (MLRA 6:7)

1. Vsesoyuznyy institut gel'mintologii imeni akademika K.I.
Skryabina.

Petrochenko, V. I.
USSR/ Medicine - Helminthology
Card 1/1 Pub. 86 - 22/36
Authors : Petrochenko, V. I.
Title : Hibernation of Fasciola hepatica eggs in pasture lands
Periodical : Priroda 2, 108-109, Feb 1954
Abstract : Various ways of protecting grazing cattle against the effects of fascioliasis (liver fluke infection), and combatting the disease-spreading worm are discussed. The effects of cold weather on the eggs of the parasite were investigated and the results are analyzed.
Institution : The K. I. Skryabin All Union Helminthological Institute
Submitted :

PETROCHENKO, V.I.

Chief role of the mollusk *Galba truncatula* in the occurrence of *Fasciola hepatica*. Zool.zhur.33 no.1:44-49 Ja-P '54.

(MLRA 7:2)

1. Vsesoyuznyy institut gel'mintologii im. akademika K.I.Skryabina.
(Parasites--Mollusks) (Liver fluke)

PETROCHENKO, V. I.

USER/Biology - Parasitology

Card 1/1 : Pub. 86 - 21/38

Authors : Petrochenko, V. I., Cand. Biol. Sci.

Title : Combatting helminthiasis in ducks

Periodical : Priroda 43/12, 104-105, Dec 1954

Abstract : An account is given of the efforts to combat the high death-rate among ducklings on certain State farms and the discovery that this was caused by parasites which entered the organism through the eating of a crablike creature (*Gammarus lacustris*), which acted as a carrier of the parasite (species of worm). It was found that lakes covered by overgrowth contained less oxygen, so that the *Gammarus lacustris* perished during the winter, making the lakes suitable for ducks. Two Russian references (1948).
Illustration.

Institution : All-Union Inst. Helminthology im. Skryabin

Submitted :

PETROCHENKO, Vasilii Ivanovich,

PETROCHENKO, Vasilii Ivanovich, Academic degree of Doctor of Biological Sciences, based on his defense, 27 December 1955, in the Council of the All-Union Inst of Helminthology imeni Skryabin, of his dissertation entitled: "Acanthocephali ('scratchers') of domestic and wild animals."

For the Academic Degree of Doctor of Sciences

Byulleten' Ministerstva Vysshego Obrazovaniya SSSR, List No. 7, 31 March 1956
Decision of Higher Certification Commission Concerning Academic Degrees and Titles.

JPRS 512

PETROCHENKO, V.I.; SKRYABIN, K.I., akademik, redaktor; MAKUNI, Ye.V.,
tekhnicheskii redaktor,

[Acanthocephala (intestinal worms) of domestic and wild animals]
Akantotsyfaly (Skrebnii) domashnikh i dikikh zhivotnykh. Pod red.
K.I.Skriabina. Moskva, Izd-vo Akademii nauk SSSR. Vol. 1, 1956.
435 p. (Acanthocephala) (MLA 9:5)

PETROCHENKO, Vasilii Ivanovich; SKRYABIN, K.I., akademik, red.;
ANTIPIN, D.N., red. izd-va; KUZ'MIN, I.F., tekhn. red.

[Acanthocephala in domestic and wild animals] Akantotsefaly
(skrebni) domashnikh i dikikh zhivotnykh. Pod red. K.I. Skriabina.
Moskva, Izd-vo Akad. nauk SSSR, Vol. 2. 1958. 458 p. (MIRA 12:1)
(Acanthocephala)

Author: O. Se.

Title: The Role of the ... 1934

Author: Petrov, V. L.
 Title: All-Union Institute of Microbiology
 Study of the Distribution and ... of
 Prophage ... Methods for the Detection of
 Water Pollution in ... and ... of
 ... and ... of ...
 ... 1934, No. 3, 28-30
 ... the ...

In the examination of the internal organs of 194
 ... and ... were found in 75%
 of the ... 93% of the ...
 ... were found most often
 ... and ...
 ... were ...

Card: 1/1

4

SHUMAKOVICH, Ye.Ye.; PETROCHENKO, V.I.; MATEVOSYAN, Ye.H.

Scientific and practical assistance rendered to the collective farms
of Stalingrad Province in organizing measures for the control of
helminth infestations in farm animals. Trudy Gel'm.lab. 9:398-400 '59.
(MIRA 13:3)

(Stalingrad Province--Veterinary parasitology)

1. PROKHOROV, V.I., Major 1st Lt. Lt.; K. P. L. NIKOV, G. I., 1st Lt. Lt.

Prophylaxis of helminthiasis in waterfowl in the Far East. Veterinary
1936 No. 1:36-37 A. 1936.

2. Veterinary Institute of Helminthology in. ab. denika E. I. Leningrad.
(Soviet Far East--Worms, Intestinal and parasitic)
(Poultry--Diseases and pests)

}

... .., M.D., prof.

Modern methods of controlling some diseases in

Veterinaria 39 nos. 4:36-41

(1954, 1955)

... Vsesoyuznyy institut gerontologii (Spec. technol.)

ROMANOVSKIY, A.B., mladshiy nauchnyy sotrudnik; PETROCHENKO, V.I., nauchnyy
rukovoditel' raboty, doktor biol.nauk

Prophylaxis of Polymorphus infestation of ducks. Veterinariia
42 no.11:55-57 N '65. (MIRA 19:1)

1. Vsesoyuznyy institut gel'mintologii imeni akademika K.I.
Skryabina.

PETROVICH, V.I., (P.O. BOX 111111, V.A., Ministry of War)

A few days ago (around 10/10/1946) Petrovich was
killed. He was a Soviet soldier in the Red Army.
His P.O. Box was 111111-103.

PETROCHENKO, V.I., prof.; KORCHAGIN, A.I., mladshiy nauchnyy sotrudnik

New method of the chemical prevention of ascariasis and Heterakis infestations in hens. Veterinariia 41 no.1:69-71 Ja '64.

(MIRA 17:3)

1. Vsesoyuznyy institut gel'mintologii imeni akademika K.I. Skryabina.

PETROCHENKO, V.I., doktor biologicheskikh nauk; RUDYAKOVA, N.A.

Fresh-water mollusks of Stalingrad Province in connection
with their role in the distribution of fascioliasis. Trudy
VIGIS 6:71-86 '59. (MIRA 15:5)
(Volgograd Province--Liver flukes--Host animals)
(Mollusks as carriers of disease)

PETROCHENKO, V.I.; SMOGORZHEVSKAYA, L.A.

A new species and genus of thorn-head worms *Hemiechinoma*
ponticum sp. n., gen. n. (*Acanthocephala*) from cormorants of
the Black Sea shore. Zool. zhur. 41 no.6:936-939 Je '62.

(MIRA 15:7)

1. All-Union Institute of Helminthology, Moscow, and Institute of
Zoology of the Academy of Sciences of the Ukrainian S.S.R., Kiev.
(Black Sea region--Parasites--Cormorants)
(Black Sea region--Acanthocephala)

MATEVOSYAN, Ye.M., prof.; PETROCHENKO, V.I., doktor biologicheskikh nauk;
GARIZHSKAYA, N.N., veterinarnyy vrach

Helminths of fishes in the Volga River and Tsimlyansk
Reservoir and the investigation of the distribution of
opisthorchosis and diphyllbothriasis in Stalingrad Province.
Trudy VIGIS 6:144-155 1959. (MIRA 15:5)

(Volgograd Province: Worms, Intestinal and parasitic)
(Volga River--Parasites--Fishes)

PETROCHENKO, V.I.; KOTEL'NIKOV, G.A.; BALAKIN, V.M., red.; LEVINA,
L.G., tekhn. red.

[Using reservoirs for poultry raising and the prevention of
helminthiases] Ispol'zovanie vodoemov dlia vyrashchivaniia
ptitsy i profilaktika gel'mintozov. Moskva, Izd-vo M-va sel'-
khoz.RSFSR, 1962. 137 p. (MIRA 15:9)
(Parasites--Ducks) (Parasites--Geese)

PETROCHENKO, V. I.

"Biological Principles of Prophylaxis of Helminthoses
in Domestic Ducks and Geese in USSR"

Report submitted for the Twelfth World's Poultry
Congress, Sydney, Australia 10-18 Aug 1962

PETROCHENKO, V. I. (Professor, All-Union Institute of Helminthology imeni
Academician K. I. Skryabin)

"Modern methods of control of avian helminthiasises"

Veterinariya, vol. 39, no. 4, April 1962, p. 36

PETROCHENKO, V.I. (Professor)

Review of the book "Helminthiases of domestic fowls" by Potemkina, V.A.
"Gel'mintozy domashnikh ptits". M., Sel'khozgiz, 1960. 2nd rev. and enl.
ed...
Veterinariya, vol. 39, no. 3, March 1962 pp. 90

PETROCHENKO, V.I., prof.: GIL'BERMAN, I.A., docent, veter. nauk

Theromoprophylaxis of bacterial infections in ducks. Veterinariya
40 no.2:5-12 Ag 63. (USSR)

1. Vsesoyuznyy institut zhivotnovodstva i veterinarnoi akademii nauk.

PETROCHENKO, YE. D.

Variability of the tomatin content in tomato leaves. Dokl. AN SSSR 83 No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952.

KOLESNIKOV, P.A.; PETROCHENKO, Ye.I.; PSHENOVA, K.V.; ZORE, S.V.

Phenol substances of wheat roots as components of oxidative systems.
Biokhimiia 30 no.2:368-374 Mr-Apr '65. (MIRA 18:7)

1. Institut biokhimiia imeni Bakha AN SSSR, Moskva.

PA 11/49T7

USSR/Chemistry - Ascorbic Acid Jul 48
Chemistry - Potatoes, Vitamin C
Synthesis in

"Interrelationship of the Albumin and Ascorbic
Acid in Potato Tubers," S. M. Prokoshov, Ye. I.
Petrochenko, Inst Biochem Imeni A. N. Belin, Acad
Sci USSR, 4 pp

"Dokl Ak Nauk SSSR" Vol XII, No 2.

Describes experiments. Tabulates and plots re-
sults. Concludes that formation of ascorbic acid
in tuber tissue as a result of injury is deter-
mined by an increase in cell demand for this sub-

11/49T7

USSR/Chemistry - Ascorbic Acid (Contd) Jul 48

stance, connected with an alteration in the
structure of plasma albumins and albumin metabo-
lism. Most important alteration in albumin com-
plex is promotion of denaturated condition, speed
of which also determines intensity of the bio-
synthesis of ascorbic acid. Submitted 7 May 48.

11/49T7

PETROCHENKO, YE. I.

CA

110

Ascorbic acid in leaves and tubers of potato. *F.A. ...*
 Petroschenko. *Russkaya Flora i Obozreti, Sbornik No.*
 1, 113 (1940); of C.A. 44, 10076. Vitamin C varies in
 the potato as it does in other plants, being highest in the
 upper portions of the structure. This is true through all
 stages of development. The upper parts of the plant con-
 tain a smaller fraction of dehydroascorbic acid than do the
 lower parts. Daily variation is small with some decline in
 the leaves during the evening hours. High dosage of min-
 eral fertilizer lowers the vitamin content, especially when it is
 too high in N and K. Max. vitamin C content in the tuber
 is found at the early stage of tuber formation, with rapid
 decline with maturation. G. M. Kosolapoff

CA

110

Ascorbic and citric acids in potato leaves. E. I. Petroschenko (A. N. Bakh Biochem. Inst., Acad. Sci. U.S.S.R.). *Doklady Akad. Nauk S.S.S.R.* 65, 331 6(1949). -Examn. of Lorch and Waltman strains of potato plant leaves showed a gradual rise of total ascorbic acid toward upper groups of leaves, with a reverse order of dehydroascorbic acid level, based on raw wt. On dry wt., Lorch strain showed highest level in the middle leaves, Waltman strain gave a gradual increase with height, as above. Citric acid shows a moderate increase in the higher groups of leaves. Ascorbic acid was highest in the morning hrs., lowest about 10 p.m.; citric acid had a max. about noon and min. about 2 a.m. The oxidized-reduced form ratio of ascorbic acid remains const. through the day.
G. M. Kosolapoff